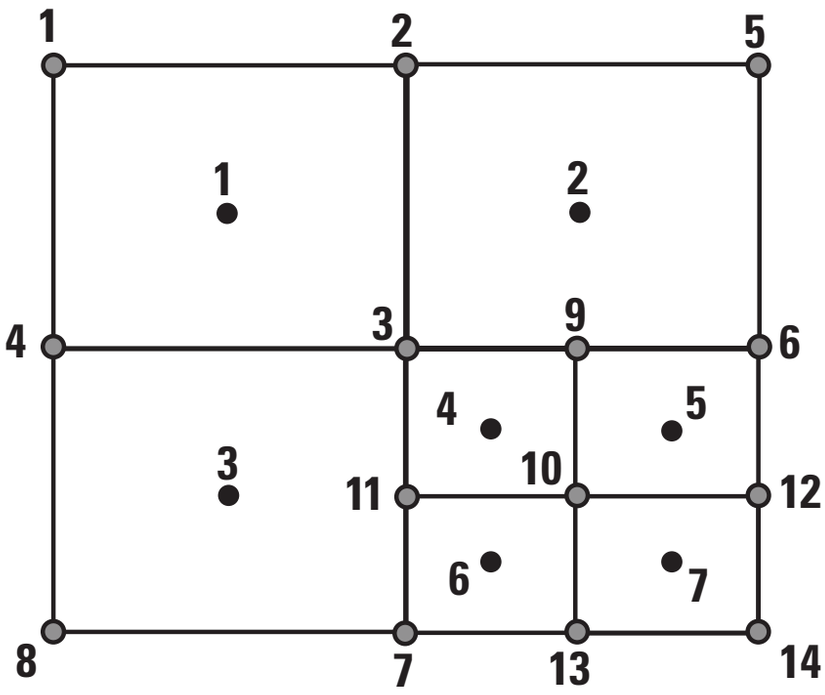
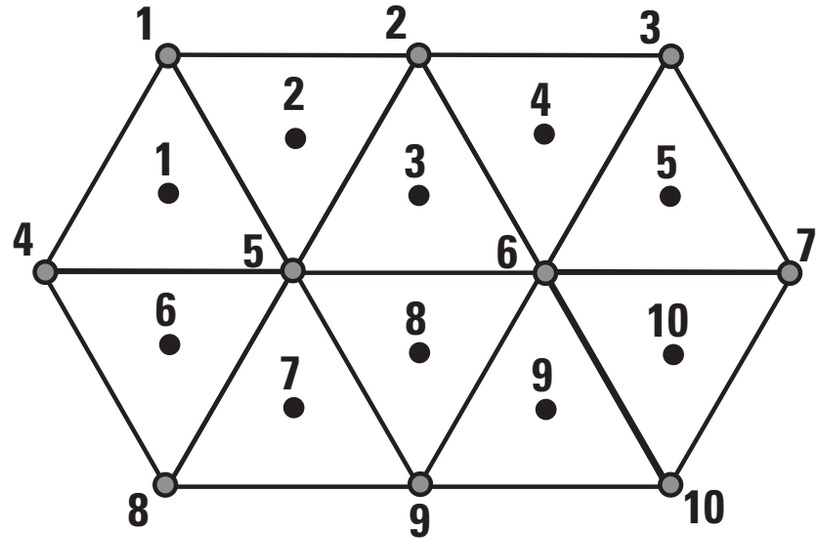
A. Quad-based grid



Cell	*NVERT*	Vertices
1	4	[1 2 3 4]
2	5	[2 5 6 9 3]
3	5	[4 3 11 7 8]
4	4	[3 9 10 11]
5	4	[9 6 12 10]
6	4	[11 10 13 7]
7	4	[10 12 14 13]

B. Triangular grid



Cell	*NVERT*	Vertices
1	3	[1 5 4]
2	3	[1 2 5]
3	3	[2 6 5]
4	3	[2 3 6]
5	3	[3 7 6]
6	3	[4 5 8]
7	3	[5 9 8]
8	3	[5 6 9]
9	3	[6 10 9]
10	3	[6 7 10]

EXPLANATION

2 ● Cell center and cell number

4 ○ Vertex and vertex number